



**European BEST  
Engineering  
Competition**

# Performance report

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2015



3 Rounds  
32 Countries  
88 Leading Technical Universities  
6500 Participants from all over Europe

European **BEST** Engineering Competition (EBEC) is the largest real-time based engineering competition conducted by Board of European Students of Technology (**BEST**), gathering best European students of engineering. With EBEC Project BEST aims to develop participants skills thus not only theoretical knowledge also their practical knowledge which will help them to tackle problems which humanity faces each day. Project brings together students, universities, companies and NGOs (Non-governmental organizations).

## EBEC Pyramid 1<sup>st</sup> Round



## Local Round

### 24h Challenge

#### Hydraulic/Mechanical Crane

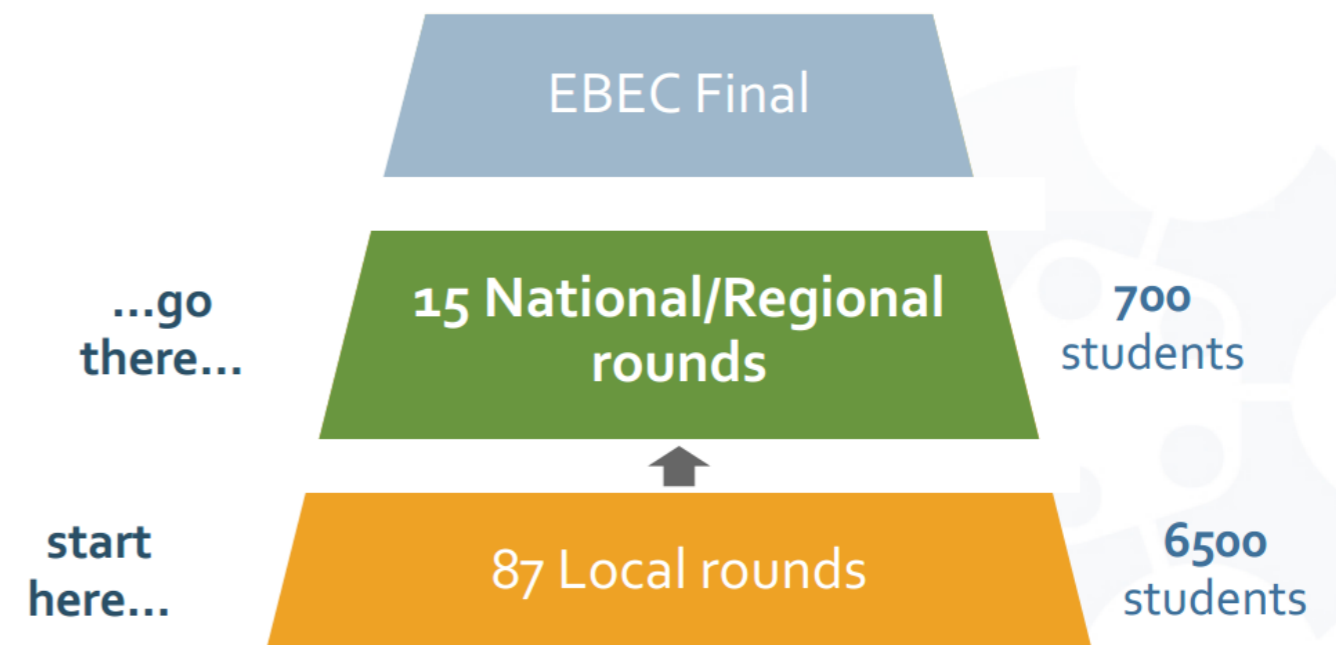
The local EBEC round was organised by BEST Timișoara. The challenge was to design a mechanical-hydraulic crane capable of moving around 0.5l and 2l bottles filled with liquid and placing an egg with maximum precision and care. The crane was supposed to be operated from a distance through mechanical and/or hydraulic means.





Competition - 1<sup>st</sup> Prize EBEC Timisoara

## EBEC Pyramid 2<sup>nd</sup> Round



## Regional Round

### Day 1. - Task by Emerson

#### Sorting machine

The regional EBEC round was organised by BEST Braşov. It consisted of 2 challenges held in consecutive days. The first challenge was to design a sorting device for separating 24 balls by weight and diameter. The jury appreciated the design, the flawless functioning and the team work that was put in developing this device.

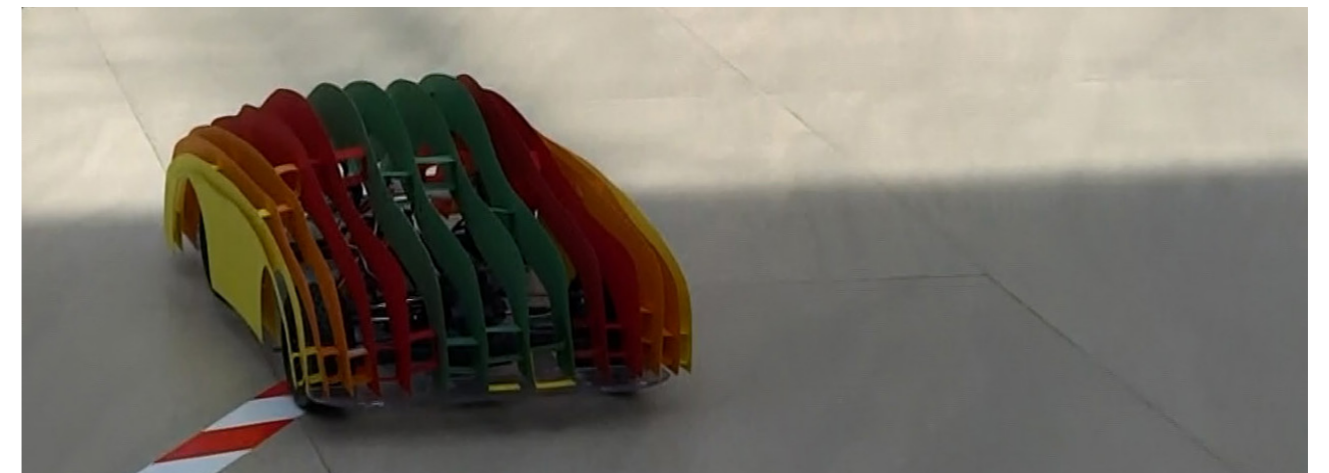


## Regional Round

### Day 2. - Task by Renault

RC Car remodelling

The second challenge was to design the chassis and a specific car body for a modular remote controlled car. We had to race the car on a circuit and we were awarded for maneuverability, speed and of course the looks of our sedan body.



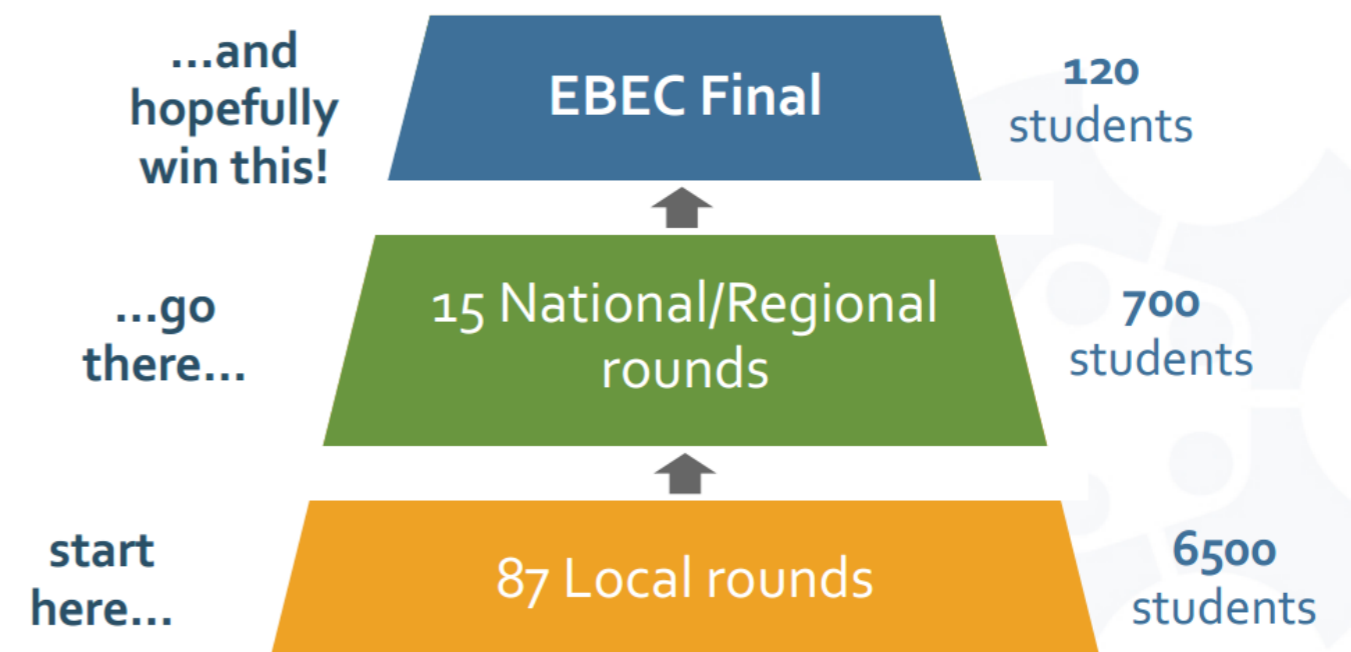


- EBEC ALPE-ADRIA
- EBEC BALKAN
- EBEC BALTIC
- EBEC BENELUX**
- EBEC CENTRAL
- EBEC FRANCE
- EBEC GREECE
- EBEC ITALY
- EBEC NORDIC
- EBEC POLAND
- EBEC PORTUGAL
- EBEC ROMANIA & R. OF MOLDOVA**
- EBEC SPAIN
- EBEC TURKEY
- EBEC UKRAINE



Award ceremony - 1<sup>st</sup> Prize EBEC Romania & Moldova

## EBEC Pyramid FINAL Round



# FINAL Round...

## PORTO 2015





Thank you!